



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kevin J. Thorne, et al.

Serial No.: 09/746,921

Filed: December 22, 2000

For: COMPOSITION AND PROCESS FOR  
BONE GROWTH AND REPAIR

Group Art Unit: 1655

Examiner: LEITH, PATRICIA A

Atty. Dkt. No.: 13461.0050.NPUS00

Former Atty. Dkt. No.: 2103.013700

Customer No.: 23369

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73  
POWER OF ATTORNEY AND CHANGE OF ADDRESS

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

The undersigned, being Assignee of record of the entire interest in the patents and applications listed in the attached Exhibit A by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor(s).

The Assignee hereby revokes any previous Powers of Attorney and appoints practitioners associated with Customer Number 23369, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to transact all business in

Power of Attorney

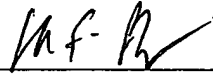
the Patent and Trademark Office in connection therewith, to receive the Letters Patent document, and for one year after the issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically each Assignment to Zimmer Orthobiologics, Inc., referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all future communications regarding this application as follows:

Customer Number 23369  
Howrey LLP  
c/o IP Docketing Department  
2941 Fairview Park Drive, Suite 200  
Falls Church, VA 22042-7195

ASSIGNEE: Zimmer Orthobiologics, Inc.

By:   
Name: Chad F. Phipps  
Its: Senior Vice President, General Counsel,  
and Secretary  
Date: March 6, 2009

ASSIGNMENT:

- ☐ Concurrently filed electronically, copy attached.  
☒ Previously recorded

*See attached Exhibit A (last column)*



## EXHIBIT A

Howe/Mahoney 13461	Immater Matter No	Former Counsel Matter No	U.S. Serial No	U.S. Patent No	Assignment Reel/Frame Nos	Assignment Recordation Date
0025.PCUS00	SBI-150-US-PCT	2103.004800	10/547,437		018052/0610	June 16, 2006
0027.NPUS01	SBI-129-US2-ORD	2103.014900	10/606,190	7,241,874	015819/0707	February 2, 2005
0027.CPUS02	SBI-129-US3-CIP	2103.015200	11/553,640		018501/0156	October 27, 2006
0027.CNUS03	SBI-129-US3-CON	2103.014496	11/766,185		CON of 10/606,190 015819/0707	
0028.00US00	SBI-133-US-ORD	2103.003700	08/123,462	5,396,898	015642/0498	July 30, 2004
0029.00US00	SBI-135-US-ORD	2103.003800	08/472,699	5,658,343	013506/0896	December 2, 2002
0030.00US00	SBI-136-US-ORD	2103.003900	08/729,259	5,817,153	013506/0896	December 2, 2002
0031.DVUS01	SBI-166-US2-DIV	2103.005082	09/836,218	6,387,693	015452/0023	December 13, 2004
0031.PCUS00	SBI-166-US-ORD	2103.005000	09/194,867	6,242,247	015452/0023	December 13, 2004
0032.DVUS01	SBI-167-US1-DIV	2103.005182	11/675,718		DIV of 10/129,915 013951/0077	
0032.NPUS00	SBI-167-US-ORD	2103.005100	10/129,915		013951/0077	November 22, 2002
0033.NPUS00	SBI-496	ZMOB-14	11/946,411		020175/0905	November 29, 2007
0036.NPUS00	SBI-501	ZMOB-16	11/781,517		019600/0797	July 23, 2007
0037.PZUS00	ZI-00019	ZMOB-22	60/957,827		019755/0863	August 28, 2007
0037.NPUS01	ZI-00019	ZMOB-22US	12/196,831		021447/0067	August 27, 2008
0038.NPUS00	ZI-00052	ZMOB-24	12/045,416		020624/0981	March 10, 2008
0039.NPUS00	SBI-206	ZMOB-04	11/613,456		019058/0488	March 23, 2007
0042.NPUS00	SBI-201/202	ZMOB-02/03	11/613,250		018658/0320	December 20, 2006
0043.NPUS00	SBI-451	ZMOB-08	11/759,679		019405/0958	June 11, 2007
0044.NPUS00	SBI-452	ZMOB-07	11/753,102		019603/0199	July 24, 2007
0045.NPUS00	SIB-297	ZMOB-05	11/613,319		019036/0595	March 20, 2007

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Howrey Matter 13461	Zimmer Matter No	Former Counsel Matter No.	U.S. Serial No	U.S. Patent No	Assignment Reel/Frame Nos.	Assignment Recordation Date
0046.NPUS00	SBI-318	ZMOB-06	11/614,422		019057/0135	March 23, 2007
0047.CNUS01	SBI-097-CON	2103.013596	10/916,108		015819/0707	February 2, 2005
0047.NPUS00	SBI-097-US-RCE	2103.0013500	10/172,624		015819/0707	February 2, 2005
0049.DVUS01	SBI-091-US2-DIV	2103.000582	11/762,219		015434/0441	December 8, 2004
0049.NPUS00	SBI-091-US-ORD	2103.000500	10/027,015	7,232,802	015434/0441	December 8, 2004
0050.CPUS01	SBI-073-CIP	2103.015100	11/383,309		018029/0418	June 30, 2006
0050.NPUS00	SBI-073-US-RCE	2103.013700	09/746,921		015819/0707	February 2, 2005
0051.CNUS01	SBI-066-US2-CON	2103.013496	11/449,329		CON of 09/605,266 015819/0707	
0051.NPUS00	SBI-066-US-RCE	2103.013400	09/605,266	7,081,240	015819/0707	February 2, 2005
0052.CNUS02	SBI-054-US3-CON	2103.000996	10/793,421	7,147,846	015434/0441	December 8, 2004
0052.CNUS03	SBI-054-US4-CON	2103.000997	11/538,608		015434/0441	December 8, 2004
0052.DVUS01	SBI-054-US2-DIV	2103.000982	09/978,986	6,733,747	015819/0707	February 2, 2005
0052.NPUS00	SBI-054-US-ORD	2102.000900	09/300,351	6,328,762	015819/0707	February 2, 2005
0053.PCUS00	SBI-204-US	2103.015300	11/997,769		021161/0770	June 27, 2008
0054.PCUS00	SBI-168-US-ORD	2103.005200	10/149,853	6,858,042	015452/0023	December 13, 2004
0054.REUS01	SBI-168-US2-REI	2103.00528	11/705,575		015452/0023	December 13, 2004
0055.DVUS02	SBI-064-US3-DIV	2103.013882	10/812,268		015819/0707	February 2, 2005
0055.NPUS00	SBI-064-US-ORD	2103.013800	09/545,441	6,723,335	015819/0707	February 2, 2005
0055.PCUS01	SBI-064-US4-CIP	2103.014400	10/543,931		017990/0894	June 5, 2006
0056.CNUS00	SBI-042-US3-CIP	2103.013900	09/748,038	7,087,577	015819/0707	February 2, 2005
0056.CNUS01	SBI-042-US6-CIP	2103.013997	11/843,797		CON of 11/359,102 which is a CON of 09/748,038 015819/0707	

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Howrey Matter 13461	Zimmer Matter No	Former Counsel Matter No	U.S. Serial No	U.S. Patent No	Assignment Reel/Frame Nos	Assignment Recordation Date
0056.DVUS02	SBI-042-US8-DIV	2103.000683	12/013,517		DIV of 11/338,914 which is a DIV of 10/027,669 015445/0423	
0056.NPUS01	SBI-042-US2-ORD	2103.013100	09/173,989	6,211,157	015819/0707	February 2, 2005
0056.CPUS02	SBI-042-US4-CIP	2103.000600	10/027,669	6,992,066	015445/0423	December 10, 2004
0056.DVUS04	SBI-042-US6-DIV	2103.000682	11/338,914	7,341,999	DIV of 10/027,669 015445/0423	
0056.CNUS03	SBI-042-US5-CIP	2103.013996	11/359,102		CON of 09/748,038 015819/0707	
0057.CPUS01	SBI-009-CON	2103.001596	10/338,770		015819/0707	February 2, 2005
0057.NPUS00	SBI-009-US-ORD	2103.001500	09/523,923		015819/0707	February 2, 2005
0058.NPUS00	SBI-078-US-RCE	2103.000700	09/747,038		015819/0707	February 2, 2005
0058.CNUS00	SBI-078-US2-CON	2103.000796	10/915,995		015445/0423	December 10, 2004
0059.NPUS00	SBI-077-US-ORD	2103.013600	09/742,681	6,492,327	015819/0707	February 2, 2005
0062.NPUS00	SBI-065-RCE	2103.013300	09/738,524		015819/0707	February 2, 2005
0063.NPUS00	SBI-040-US-ORD	2103.014300	09/056,956	6,187,038	015819/0707	February 2, 2005
0064.CNUS02	SBI-002-US4-CON	2103.001296	12/180,035		CON of 10/739,492 015819/0707	
0064.DVUS01	SBI-002-US3-DIV	2103.001282	10/739,492		015819/0707	February 2, 2005
0064.NPUS02	SBI-002-US2-ORD	2103.001200	09/023,617	6,679,918	015819/0707	February 2, 2005
0065.PCUS00	SBI-051-US7-CON	2102.002498	11/433,968		CON of 10/386,946 which is a CON of 09/485,594 011121/0539	
0065.REUS00	SBI-051-US6-REI	2103.001180	11/046,674		015819/0707	February 2, 2005
0065.NPUS02	SBI-051-US3-CIP	2103.001100	09/505,209	6,511,958	015819/0707	February 2, 2005

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Howrey Matter 13461	Zimmer Matter No	Former Counsel Matter No	U.S. Serial No	U.S. Patent No	Assignment Reel/Frame Nos	Assignment Recordation Date
0065.CPUS03	SBI-051-US2-CIP	2103.001000	09/250,370	6,514,514	015819/0707	February 2, 2005
0065.PCUS01	SBI-051-US-PCT	2103.002400	09/485,594	6,582,471	011121/0539	September 13, 2000
0065.CNUS00	SBI-051-US5-CON	2103.002497	10/386,946		CON of 09/485,594 011121/0539	
0068.NPUS00	SBI-023-US-ORD	2103.000300	09/747,166	6,627,230	015819/0707	February 2, 2005
0069.NPUS00	SBI-074-US-ORD	2103.014200	09/750,588	6,669,725	015819/0707	February 2, 2005
0070.00US00	SBI-132-US-ORD	2103.003600	08/147,760	5,385,229	013506/0896	December 2, 2002
0071.00US00	SBI-134-US-ORD	2103.0013	08/056,746	5,634,879	013506/0896	December 2, 2002
0074.NPUS00	SBI-100	2103.014100	10/023,911		12394/0902	December 18, 2001
0075.NPUS00	SBI-045-US	2103.014000	09/737,505		011894/0293	June 11, 2001
0079.CPUS02	SBI-001-US3-CIP	2103.000800	08/152,519	5,563,124	015819/0707	February 2, 2005
0079.CNUS03	SBI-001-US4-CON	2103.000896	08/637,571		CON of 08/152,519 015819/0707	
0079.DVUS01	SBI-001-US-DIV2	2103.000482	08/142,686	5,371,191	015819/0707	February 2, 2005
0079.NPUS00	SBI-001-US-ORD	2103.000400	07/689,459	5,290,763	015819/0707	February 2, 2005
0084.PCUS00	SBI-165-US-ORD	2103.004900	08/602,833		008129/0430	May 9, 1996
0085.CPUS01	SBI-082-US2-CIP	2103.002600	10/027,374	7,323,189	015445/0423	December 10, 2004
0085.NPUS00	SBI-082-ORD	2103..002500	09/991,235		015445/0423	December 10, 2004